

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

	Application Number		10824751
	Filing Date		2004-04-15
	First Named Inventor	Patrick H. Dussud	
	Art Unit		2185
	Examiner Name	Arpan P. Savla	
	Attorney Docket Number		MS1-1962US

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	4989134		1991-01-29	Shaw	
	2	5237673		1993-08-17	Orbits, ; et al.	
	3	5842016		1998-11-24	Toutonghi, ; et al.	
	4	5845298		1998-12-01	O'Connor, ; et al.	
	5	5848423		1998-12-08	Ebrahim, ; et al.	
	6	5857210		1999-01-05	Tremblay, ; et al.	
	7	5873104		1999-02-16	Tremblay, ; et al.	
	8	5873105		1999-02-16	Tremblay, ; et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10824751
Filing Date		2004-04-15
First Named Inventor	Patrick H. Dussud	
Art Unit		2185
Examiner Name	Arpan P. Savla	
Attorney Docket Number		MS1-1962US

	9	5900001		1999-05-04	Wolczko, ; et al.	
	10	5903899		1999-05-11	Steele, Jr.	
	11	5903900		1999-05-11	Knippel, ; et al.	
	12	5909579		1999-06-01	Agesen, ; et al.	
	13	5911144		1999-06-08	Schwartz, ; et al.	
	14	5915255		1999-06-22	Schwartz, ; et al.	
	15	5920876		1999-07-06	Ungar, ; et al.	
	16	5930807		1999-07-27	Ebrahim, ; et al.	
	17	5953736		1999-09-14	O'Connor, ; et al.	
	18	6249793		2001-06-19	Printezis, ; et al.	
	19	6738875		2004-05-18	Wang	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

20	7065617		2006-06-20	Wang	
----	---------	--	------------	------	--

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040199742	A1	2004-10-07	Wang, Landy	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	A Comparison of Inferno and Java, Computing Sciences Research of Bell Labs, << http://www.lucent-inferno.com/Page...tion/White_Paper/infernojava.html >>, 07/12/1999	<input type="checkbox"/>
	2	Agesen, et al., Garbage Collection and Local Variable Type Precision and Liveness in Java Virtual Machine, ACM Sigplan Notices, Vol 33, No 5, pp 269-279, May 1998	<input type="checkbox"/>
	3	Atkinson, et al., Experiences Creating a Portable Cedar, Proceedings of the Sigplan 1989 Conference on Programming Language Design and Implementation, Sigplan Notices, Vol 24, No 7, pages 322-329, June 21-23, 1989	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

4	Aubrey, Lucent's Inferno: A Devil of an OS, Communications Week, No 633, October 14, 1996	<input type="checkbox"/>
5	Bak, et al., The New Corp of Java Virtual Machines, ACM Sigplan Notices, Vol 33, No 10, pp 179-182, October 1998	<input type="checkbox"/>
6	Barrett, et al., Garbage Collection using a Dynamic Threatening Boundary, ACM Sigplan Notices, Vol 30, No 6, pp 301-314, 1995	<input type="checkbox"/>
7	Benett, The Design and Implementation of Distributed Smalltalk, Proceedings of the Second ACM Conference on Object Oriented Programming Systems, Languages and Applications, pp 318-330, October 4-5, 1997	<input type="checkbox"/>
8	Birrell, et al., Network Objects, Software Practice and Experience, Vol 25, No S4, Pages S4/87-S4/130, December 1995	<input type="checkbox"/>
9	Blue - What is it, << http://www.sd.monash.edu.au/blue/what-is-it.html >>, printed July 9, 1999	<input type="checkbox"/>
10	Boehm, et al., Garbage Collection in an Incooperative Environment, Software - Practice and Experience, Vol 18, No, 9, pp 807-820, September 1988	<input type="checkbox"/>
11	Boszormenyi, A Comparison of Modula-3 and Oberon-2 (extended version), Structured Programming, Vol 14, pp 15-22, 1993	<input type="checkbox"/>
12	Brandis, et al., The Oberon System Family, Institute for Computersystem, pp 1331-1366, April 25, 1995	<input type="checkbox"/>
13	Cahill, et al., Interfacing a Language to the Virtual Machine, The Commandos Distributed Application Platform, Springer-Verlag, pp 209-233, 1993	<input type="checkbox"/>
14	Cardelli, et al., Modula-3 Report (revised), SRC Research Report 52, Preface, November 1, 1989, << http://gatekeeper.dec.com/pub/DEC...-reports/abstracts/src-rr-052.html >>, June 1, 1999	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

15	Cardelli, et al., The Modula-3 Type System, Conference Record of the 16th Annual ACM Symposium on Principals of Programming Language, pp 202-212, 1989	<input type="checkbox"/>
16	Caudill, et al., A Third Generation Smalltalk-80 Implementation, ACM Sigplan 1986 Conference on Object Oriented Programming Systems, Languages and Applications (OOPSLA 1986), pp 119-129, 1986	<input type="checkbox"/>
17	Chambers, et al., Object-Oriented Programming: Systems, Languages and Applications OOPSLA 1989, Conference Proceedings Sigplan Notices, Vol 24, No 10, pp 49-70, October 1-6, 1989	<input type="checkbox"/>
18	Clark, et al., The UCSD Pascal Handbook: A Reference and Guidebook for Programmers, CHVIII, IX, X, pp 153-172, 1982	<input type="checkbox"/>
19	Cmm and Java Compared: A Comparison of Modern Languages for the Internet and Worldwide Web, 1997, <<http://nombas.com/us/otherdoc/javavcmm.html>>, printed July 12, 1999	<input type="checkbox"/>
20	Deutsch, et al., An Efficient, Incremental, Automatic Garbage Collector, Communications of the ACM, Vol 19, No 9, pages 522-526, September 1976	<input type="checkbox"/>
21	Diwan, et al., Compiler Support for Garbage Collection in a Statistically Typed Language, ACM Sigplan Notices, Vol 27, No 7, pp 273-282, 1992	<input type="checkbox"/>
22	Diwan, Understanding and Improving the Performance of Modern Programming Languages, Department of Computer Science, University of Massachusetts (Amherst), pp 1-137, February 1997	<input type="checkbox"/>
23	Doligez, et al., A Concurrent Generational Garbage Collector for Multithreaded Implementation of ML, Papers of the 20th ACM Symposium of Principals of Programming Languages, pp 113-123, January 10-13, 1989	<input type="checkbox"/>
24	Domel, Mobile Telescript Agents and the Web, Compcon 1996, Technologies for the Information Superhighway Digest of Papers, pp 52-57, 1996	<input type="checkbox"/>
25	Doward, et al., Inferno, Proceedings IEEE Compcon 1997, pp 241-244, February 23-26, 1997	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

26	Doward, et al., Programming in Limbo, Compcon 1997 Proceedings of IEEE Conference, pp 245-250, 1997	<input type="checkbox"/>
27	Elements of Comparison Java/Hotjava vs. Caml/MMM, << http://pauillac.inria.fr/~rouaix/mmm/currentjavacomp.html >>, printed May 28, 1999	<input type="checkbox"/>
28	Evans, et al., Garbage Collection and Memory Management, OOPSLA 1997, Addendum to the 1997 ACM SIGPLAN Conference on Object Oriented Programming, Systems, Languages, and Applications, pp 138-143, 1997	<input type="checkbox"/>
29	Figueiredo, et al., The Design and Implementation of a Language for Extending Applications, Proceedings of XXI Brazilian Seminar on Software and Hardware, pp 273-283, 1994	<input type="checkbox"/>
30	The Oberon Home Page, Institute for Computersystem, July 5, 1999, << http://www.oberon.ethz.ch/oberon.html >>, printed July 7, 1997	<input type="checkbox"/>
31	Floyd, Comparing Object Oriented Languages, Dr. Dobb's Journal, Vol 18, No 11, pp 104-105, 118, October 1993	<input type="checkbox"/>
32	Franz, et al., Introducing Juice, October 30, 1996, << http://caesar.ics.uci.edu/juice/intro/html >>, printed July 7, 1999	<input type="checkbox"/>
33	Garbage Collection for ISC Eiffel: An Overview, ISE Technical Report, TR-EI-56/GC, Version 3.3.9, << http://eiffel.com/doc/manuals/technology/internal/gc/page.html >>, July 30, 1999	<input type="checkbox"/>
34	Gosling, et al., The Java Language Environment: White Paper, Pp 12-16, 70-73, May 1996	<input type="checkbox"/>
35	Gosling, et al., The NeWS Book: An Introduction to the Network/Extensible Window System, pp 109-112, 147-161, 1989	<input type="checkbox"/>
36	Gosling, SunDew: A Distrubted and Extensible Window System, Proceedings of the 1996 Winter Usenix Technical Conference, pp 98-103, 1996	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

37	Griswold, The Macro Implementation of SNOBOL4: A Case Study of Machine-Independent Software Development, Ch 4, pp 51-55, Ch 5 pp 56, Ch 6, pp 65-78, Ch 7, pp 79-95, Ch 9, pp 142-155, 1972	<input type="checkbox"/>
38	Haddon, et al., Experience with the Universal Intermediate Language Janus, Software-Practice and Experience, Vol 8, No 5, pp 601-616, May 3, 1978	<input type="checkbox"/>
39	Harbison, Modula-3, Byte, Vol 15, No 12, pp 385-392, November 1990	<input type="checkbox"/>
40	Harbison, The Modula-3 Programming Language, Dr. Dobb's Journal, Vol 19, No 12, pp 24-30, Winter 1994	<input type="checkbox"/>
41	Henderson, et al., A Comparison of Object-Oriented Programming in Four Modern Languages, Software-Practice and Experience, Vol 24, No 11, pp 1078-1095, June 20, 1994	<input type="checkbox"/>
42	Henrique, et al., Lau: An Extensible Embedded Language, Dr. Dobb's Journal, Vol 21, No 12, pp 26-28, 32-33, 88, 90, December 1996	<input type="checkbox"/>
43	Holzle, Adaptive Organization for SELF: Reconciling High Performance with Exploratory Programming, Department of Computer Science, Stanford University, August 1994	<input type="checkbox"/>
44	Howard, A Quick Overview (Eiffel), Journal of Object Oriented Programming, Vol 5, No 8, pp 76-78, January 1993	<input type="checkbox"/>
45	Hudson, et al., A Language Independent Garbage Collector Toolkit, University of Massachusetts at Amherst, Department of Computer and Information Science, Technical Report, pp 1-23, September 1998	<input type="checkbox"/>
46	Hudson, et al., Adaptive Garbage Collection for Modula-3 and Smalltalk, OOPSLA/ECOOP 1990 Workshop on Garbage Collection in Object-Oriented Systems, pp 1-5, October 27, 1990	<input type="checkbox"/>
47	Huelsbergen, et al., Very Concurrent Mark & Sweep Garbage Collection without Fine Grain Synchronization, ACM Sigplan Notices, Vol 34, No 3, pp 166-175, 1998	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

48	Hugunin, Python and Java: The Best of Both Worlds, Proceedings of the 6th Annual Python Conference, 1997, << http://www.python.org/workshops/1997-10/proceedings/hugunin.html >>, August 11, 1999	<input type="checkbox"/>
49	Jordan, An Extensible Programming Environment for Modula-3, SIGSOFT Software Engineering Notes, Vol 15, No 6, pp 66-76, 1990	<input type="checkbox"/>
50	Jul, et al., Fine Grained Mobility in the Emerald System, ACM Transactions in Computer Systems, Vol 6, No 1, pp 109-133, February 1988	<input type="checkbox"/>
51	Kolling, et al., Blue - A Language for Teaching Object-Oriented Programming, Proc. 27th SIGSCE Technical Symposium on Computer Science Education, pp 190-194, March 1996	<input type="checkbox"/>
52	Kolling, et al., Requirements for a First Year Object-Oriented Teaching Language, SIGSCE Bulletin, 27 (I), pp 173-177, March 1995	<input type="checkbox"/>
53	Lampson, A Description of the Cedar Language: A Cedar Language Reference Manual, Xerox Corp, Palo Alto Research Center, CSL-83-15, pp 2-32, December 1983	<input type="checkbox"/>
54	Lim, et al., A Memory Efficient Real-Time Non-Coping Garbage Collector, ACM Sigplan Notices, Vol 34, No 3, pp 118-129, 1998	<input type="checkbox"/>
55	Lucent Technologies, What is Inferno?, Inferno User's Guide, December 19, 1997, pages 1.1-1.12, USA	<input type="checkbox"/>
56	Marais, et al., An Overview of Oberon, Institute for Computersysteme, May 8, 1996, << http://www.ics.uci.edu/~oberon/intro.html >>, July 7, 1999	<input type="checkbox"/>
57	Milos, et al., Direct Implementation of Compiler Specifications of the Pascal P-Code Compiler Revisited, Conference Record of the 11th Annual ACM Symposium on Principals of Programming Languages, pp 196-207, January 15-18, 1984	<input type="checkbox"/>
58	Moon, Garbage Collection in a Large Lisp Systems, Conference Record of the 1984 Symposium on LISP and Functional Programming, pp 235-246, 1984	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

59	Mossenbock, et al., The Programming Language Oberon-2, Institute for Computersysteme, Report 156, pp 1-26, March 1991	<input type="checkbox"/>
60	Murer, et al., Iteration Abstracter in Sather, ACM on Programming Languages and Systems, Vol 23, No 1, pp 1-15, January 1996	<input type="checkbox"/>
61	Nettles, et al., Real-Time Replication Garbage Collection, ACM Sigplan Notices, Vol 23, No 6, pp 217-226, 1993	<input type="checkbox"/>
62	O'Toole, et al., Concurrent Replicating Garbage Collection, ACM Sigplan Lisp Pointers, Vol VII, No 3, pp 34-42, 1994	<input type="checkbox"/>
63	Oberson System 3 White Paper, Institute for Computersysteme (February 11, 1999), http://www.oberon.ethz.ch/oberon/system3/white.html >>, printed July 8, 1999	<input type="checkbox"/>
64	Object Oriented Language: A Comparison, << http://eiffel.com/doc/manuals/technology/oo_comparison/page.html >>, July 12, 1999	<input type="checkbox"/>
65	Oritz, The Battle Over Real-Time Java, Computer, pp 13-15, June 1999	<input type="checkbox"/>
66	Remy, et al., Objective Calm - A General Purpose High-Level Programming Language, ERCIM News, No 36, << http://calm.inria.fr/ercim.html >>, June 1, 1999	<input type="checkbox"/>
67	Robinson, Modula-3 in an Undergraduate Computer Science Course, The Second International Modula-2, Conference: Modula-2 and Beyond, pp 154-163, September 11-13, 1991	<input type="checkbox"/>
68	Romer, et al., The Structure and Performance of Interpreters, ACM SIGOOPS Operating Systems Review, Vol 30, No 5, pp 150-159, 1996	<input type="checkbox"/>
69	Rook, A Language Collector Comments On: Java, Perl & Python, October 1997, << http://www.chips.navy.mil/chips/archives/97_oct/file12.html >>, July 12, 1999	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

70	Schmidt, et al., CLOS, Eiffel and Sather: A Comparison, International Computer Science Institute, Technical Report No. TR-91-047, pp 1-24, September 1991	<input type="checkbox"/>
71	Shiffman, Making Sense of Java, << http://www.disordered.org/Java-QA.html >>, July 12, 1999	<input type="checkbox"/>
72	Skulski, Oberon Resources for Linux, June 1998, << http://linux.nrochster.edu/~skulski/LinuxOberon.html >>, July 8, 1999	<input type="checkbox"/>
73	Smith, et al., Comparing Mostly-Coping and Mark-Sweep Conservative Collection, ACM Sigplan Notices, Vol 34, No 3, pp 68-78, 1998	<input type="checkbox"/>
74	Standard ML, << http://cm.bell-labs.com/cm/cs/what/smlnj.html >>, June 1, 1999	<input type="checkbox"/>
75	Tardo, et al., Mobile Agent and Telescript, IEEE Compcon, pp 58-63, 1996	<input type="checkbox"/>
76	Templ, Oberon vs. C++, The Modula Tor: Oberon-2 and Modula-2 Technical Publication, No 9, October 1994, << http://www.modulaware.com/mdlt49.html >>, printed July 7, 1999	<input type="checkbox"/>
77	Thorn, Programming Languages for Mobile Code, ACM Computing Surveys, Vol 29, No 3, pp 214-239, September 1997	<input type="checkbox"/>
78	van Rossum, An Introduction to Python, pp 1-4, August 1997, << http://www.python.org/doc/summary.html >>, printed June 2, 1999	<input type="checkbox"/>
79	van Rossum, Extending and Embedding the Python Interpreter, Corporation for National Research Initiatives CNRI, Release No 1.5.2, July 1999, << http://www.python.org/doc/ext/intro.html >>, printed August 11, 1999	<input type="checkbox"/>
80	Waddington, et al., Java: Virtual Machine for Virtually any Platform, Embedded Systems Programming, Vol 9, No 6, pp 26-42, June 1996	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

81	Waldo, Programming with Java, Unix Review, Vol 14, No 5, pp 31-37, May 1996	<input type="checkbox"/>
82	Walton, R-Code a Very Capable Virtual Computer, Harvard University, Center for Research Computing Technologies, Technical Report No. TR-37-95, pp 1-187, October 1997	<input type="checkbox"/>
83	Watters, The What, Why, Who and Where of Python, January 25, 1997, << http://www.netowkrcomputing.com/unixworld/tutorial/005/005.html >>, printed May 28, 1999	<input type="checkbox"/>
84	Weis, What is Caml, January 1996, << http://calm.inria.fr/FAQ/general-eng.html >>, printed June 1, 1999	<input type="checkbox"/>
85	Weiser, et al., The Portable Common Runtime Approach to Interoperability, Operating Systems Reviews Proceedings of the 12th ACM Symposium on Operating System Principals, Vol 23, No 5, pp 114-122, December 3-6, 1989	<input type="checkbox"/>
86	What is Python, << http://www.pyton.org/doc/summary.html >>, printed June 2, 1999	<input type="checkbox"/>
87	Wiener, Watch Your Language, IEEE Software, Vol 15, No 3, pp 55-56, May/June 1998	<input type="checkbox"/>
88	Wilder, Introduction to Eiffel, Linux Journal, Vol 14, pp 34-39, 56, and 60, June 1995	<input type="checkbox"/>
89	Wilson, Uniprocessor Garbage Collection Techniques, Proceedings of the 1992 Workshop on Memory Management, pp 1-34, 1992	<input type="checkbox"/>
90	Youmans, Java: Cornerstone of the Global Network Enterprise?, Viginia Tech, CS 3604, February 7, 1997, << http://ei.cs.vt.edu/~history/Youmans.Java.html >, July 8, 1999	<input type="checkbox"/>
91	Yurkoski, et al., Using Inferno to Execute Java on Small Devices, ACM Sigplan Workshop LCTES 1998, pp 108-118, June 19-20, 1998	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10824751
Filing Date	2004-04-15
First Named Inventor	Patrick H. Dussud
Art Unit	2185
Examiner Name	Arpan P. Savla
Attorney Docket Number	MS1-1962US

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.